

Panasonic

KNX

Panasonic KNX Solutions Building the Future of Your Spaces

KNX is the globally recognized open standard for smart building and home automation. Panasonic combines its expertise in smart building solutions with the dynamic capabilities of KNX technology to provide products that are reliable, easy to use, and designed to enhance everyday comfort.



Up to 30% Energy Savings

Panasonic KNX systems integrate lighting, heating-cooling, and shading through intelligent algorithms to optimize energy consumption. Motion, daylight, and temperature sensors prevent unnecessary usage, reducing energy bills by 20-30%. This also shrinks your carbon footprint, helping achieve sustainability goals.



Comfort at Your Fingertips

All building functions — lighting, HVAC, blinds, and security systems — come together on a single platform with Panasonic KNX. Touch panels and mobile apps provide easy control from home or remotely. Personalized scenarios, like “Welcome” mode, automatically adjust temperature, lighting, and blinds to user preferences.

International Standard in Security

With cyber threats on the rise, Panasonic KNX solutions, powered by the KNX Secure protocol, ensure over 99% success in data encryption and authentication. Unauthorized access is blocked, keeping both the system and its data under maximum protection. This guarantees data confidentiality, especially in hotel, healthcare, and commercial projects.



Efficiency in Operating Costs

Panasonic KNX solutions delivers comprehensive energy management and automation for offices and commercial buildings. Energy and operational costs are reduced by 20–30%, while the centralized control system simplifies maintenance and monitoring. As a result, operational efficiency increases by up to 30%, resources are utilized more effectively, and employee productivity improves.



Flexible and Modular Infrastructure

KNX architecture is modular, allowing it to expand and adapt with ease. Panasonic KNX solutions can be seamlessly integrated into both new projects and existing buildings. They are fully compatible with solutions from different manufacturers, safeguarding your investment in the long term. As a result, your building automation system always remains up to date and responsive to your needs.



Extensive Application Areas

Panasonic KNX solutions are widely adopted across diverse sectors, including residential buildings, offices, hotels, healthcare facilities, educational institutions, and shopping centers. In every environment, they maximize energy efficiency, comfort, and safety. Thanks to this versatility, they deliver complete solutions tailored to different requirements.



KNX System Diagram

